

GETTING THE MOST OUT OF YOUR MAGNESIUM SALT

ADVANTAGES TO USE GIVOMAG

1

A "3 IN 1" SALT

It supplies magnesium, glycerol and phosphorus.

2

DOUBLE INTEREST

This type of magnesium salts has a physiologic and a metabolic interest due to the glycerophosphate, which is absent in inorganic magnesium salts.

3

A SUPERIOR WAY

As part of nutraceuticals or health food, GIVOMAG is a highly bioavailable source of magnesium.

4

SCIENTIFIC EVIDENCES

Magnesium glycerophosphate is easily digestible and shows excellent absorption. Some other clinical studies prove positive effect on cardiovascular system and a muscle relaxant power.

5

A CHELATE

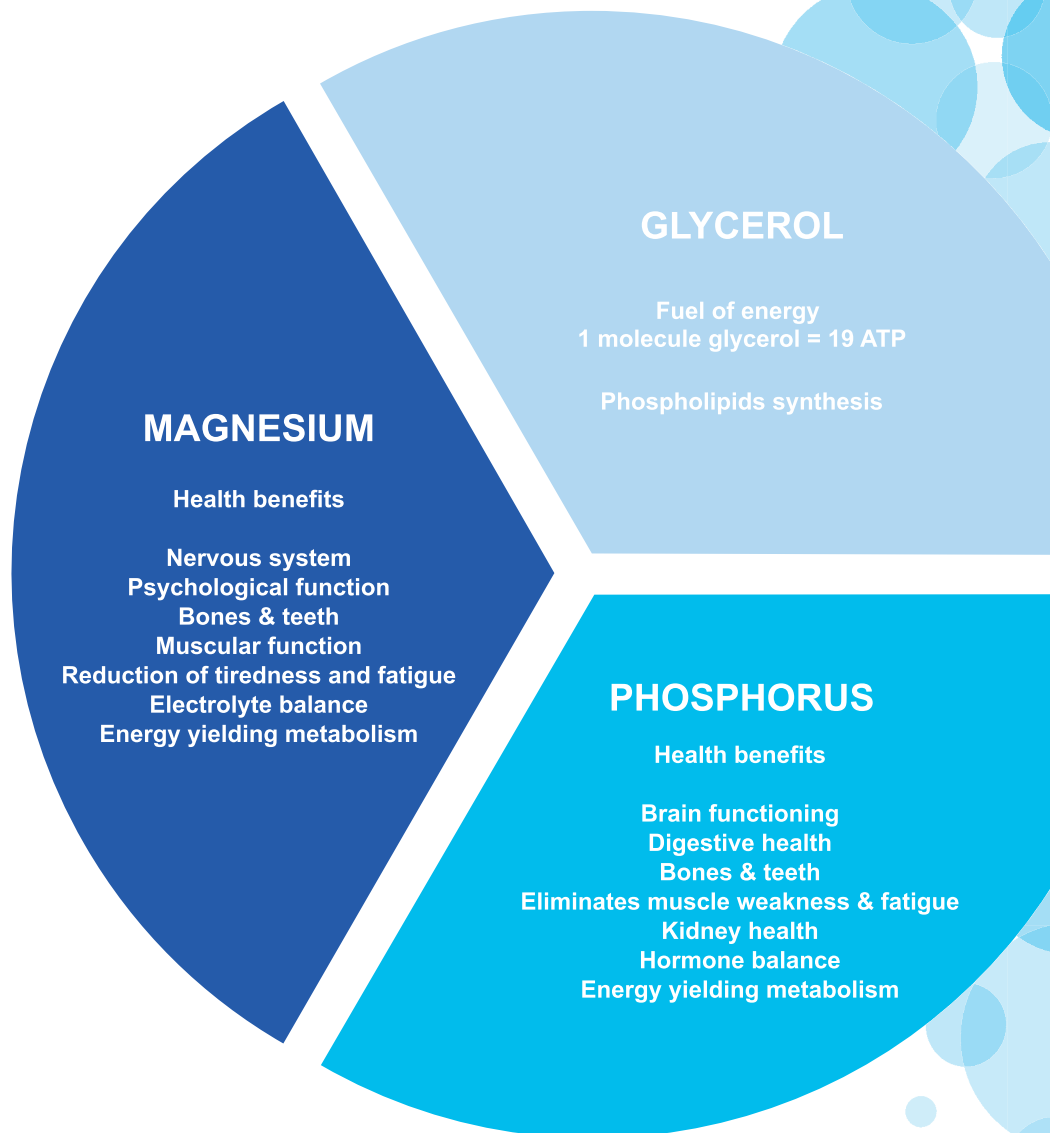
Glycerophosphate is an excellent vector for delivering magnesium into the GI tract.

MAGNESIUM BIOLOGICAL INTEREST

Dietary surveys consistently show that magnesium intake is much lower than the recommended RDA.

In particular women only get 77% and men 72% of the RDA through their diets. However magnesium is crucial for maintaining optimal health as it participates to more than 300 enzymatic reactions.

Among all the different type of magnesium salts available today, GIVOMAG stands out as it does more than just supply magnesium to our body.



References

Mettey, Severe selective magnesium malabsorption: tests of tolerance of oral magnesium supplements, *Magnes Res*; 291-5, 1990

Lewis, Oral magnesium reduces ventricular ectopy in digitalised patients with chronic atrial fibrillation, *Eur J Clin Pharmacol*; 38, 1990

SUVIMAX study (1994-2003)

Manconi, Improving oral bioavailability and pharmacokinetics of liposomal metformin by glycerophosphate-chitosan microcomplexation, *AAPS PharmSciTech*; Vol.14 N°2, 2013

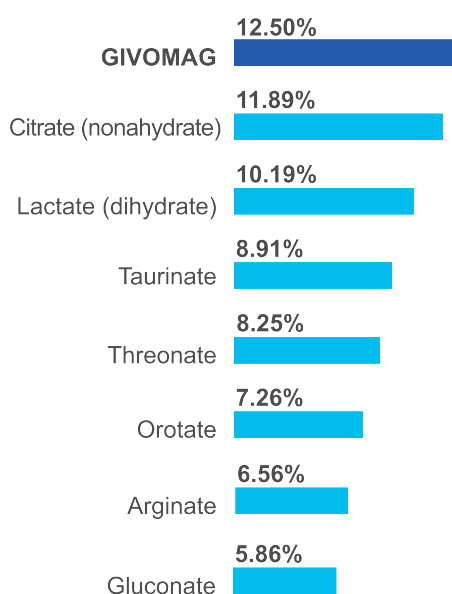
Rossier, The effect of magnesium oral therapy on spasticity in a patient with multiple sclerosis, *European Journal of Neurology*; 7, 2000

MAKING THE DIFFERENCE

Of all the commercially available organic magnesium salts, magnesium glycerophosphate has the highest elemental magnesium content and shows a very good solubility in a large range of pH.

Contrary to other organic and inorganic magnesium salts, GIVOMAG does not cause any GI disorders (flatulence and nausea).

THEORETICAL MAGNESIUM CONTENT



TECHNICAL INFORMATION

CHARACTERISTICS

Appearance	Fine white powder
Taste & Odour	Neutral
Solubility	Highly water soluble
Composition	12.5% Mg content 15.9% P content

APPLICATIONS

Beverages
Dairy products
Cereals & Confectionery
Baby food
Functional food
Dietary supplements
Sports food
Medical nutrition

HIGH QUALITY MINERAL SALT

GMP Accreditation
Produced in France
Food quality compliant
GRAS
High purity organic salts
High bioavailability
High stability
Low heavy metal levels
Gluten & Allergen free
BSE & GMO free
Kosher Certification



ISALTIS

Site Givaudan Lavirotte
56 rue Paul Cazeneuve - 69008 Lyon - France
Tel : +33 4 7861 5577 - contact@isaltis.com

www.isaltis.com

